

Hostacom DYS 707N E C12827

Compounded Polyolefin

Product Description

Hostacom DYS 707N E C12827 is an unfilled PP copolymer, with excellent impact/stiffness balance and very good processability. The product is available as a customized color matched, pellet form. This grade is delivered in C12827 color version.

This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Impact/stiffness balance, processability.
Typical Customer Applications	Used for automotive interior trims.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	22	g/10 min
Density (23 °C)	ISO 1183-1/A	0.9	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1000	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	45	kJ/m ²
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	4	kJ/m ²
Izod Impact strength, notched (23 °C)	ISO 180/1A	40	kJ/m ²
Izod Impact strength, notched (-40 °C)	ISO 180/1A	5	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	80	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

